

**Project WET
Connections to KY
Core Content 4.1**

Houses of Seasons p.115

Elementary

Arts and Humanities

AH-04-4.4.2

Students will use a variety of media and art processes to produce two-dimensional (2-D) and three-dimensional (3-D) artwork.

AH-05-4.4.2

Students will use a variety of media and art processes to produce two-dimensional (2-D) and three-dimensional (3-D) artwork.

Reading

RD-EP-5.0.3

Students will apply knowledge of text features (e.g., pictures, lists, charts, graphs, tables of contents, indexes, glossaries, captions, headings) to answer questions about a passage.

DOK 2

RD-04-5.0.3

Students will apply knowledge of text features (e.g., pictures, lists, charts, graphs, tables of contents, indexes, glossaries, captions, diagrams, headings) to answer questions about a passage.

DOK2

RD-05-5.0.3

Students will apply knowledge of text features (e.g., pictures, lists, charts, graphs, tables of contents, indexes, glossaries, captions, diagrams, headings) to answer questions about a passage.

DOK 2

Science

SC-EP-1.1.3

Students will describe the properties of water as it occurs as a solid, liquid or gas.

Matter (water) can exist in different states--solid, liquid and gas. Properties of those states of matter can be used to describe and classify them.

DOK 2

SC-EP-2.3.2

Students will describe patterns in weather and weather data in order to make simple predictions based on those patterns discovered.

Weather changes from day to day and over seasons. Weather can be described using observations and measurable quantities such as temperature, wind direction, wind speed and precipitation. Simple predictions can be made by analyzing collected data for patterns.

DOK 2

SC-EP-2.3.4

Students will describe the movement of the sun in the sky using evidence of interactions of the sun with the earth (e.g., shadows, position of sun relative to horizon) to identify patterns of movement.

Changes in movement of objects in the sky have patterns that can be observed and described. The Sun appears to move across the sky in the same way every day, but the Sun's apparent path changes slowly over seasons. Recognizing relationships between movements of objects and resulting phenomena, such as shadows, provides information that can be used to make predictions and draw conclusions about those movements.

DOK 2

SC-04-1.1.1

Students will explain how matter, including water, can be changed from one state to another.

Materials can exist in different states--solid, liquid and gas. Some common materials, such as water, can be changed from one state to another by heating or cooling. Resulting cause and effect relationships should be explored, described and predicted.

DOK 3

SC-04-2.3.3

Students will make generalizations and/or predictions about weather changes from day to day and over seasons based on weather data.

Weather changes from day to day and over seasons. Weather can be described by observations and measurable quantities such as temperature, wind direction, wind speed and precipitation. Data can be displayed and used to make predictions.

DOK 3

SC-04-2.3.4

Students will identify patterns, recognize relationships and draw conclusions about the Earth-Sun system by interpreting a variety of representations/models

(e.g., diagrams, sundials, distance of sun above horizon) of the sun's apparent movement in the sky.

Changes in movement of objects in the sky have patterns that can be observed, described and modeled. The Sun appears to move across the sky in the same way every day, but the Sun's apparent path changes slowly over seasons. Data collected can be used to identify patterns, recognize relationships and draw conclusions about the Earth and Sun system.

DOK 3

Writing

WR-EP-1.2.3

In Transactive Writing,

- Students will communicate relevant information.
- Students will develop an angle with support (e.g., facts, examples, reasons, visuals).
- Students will apply research to support ideas with facts and opinions.

Middle School

Arts & Humanities

AH-06-4.4.1

Students will create art for specific purposes using the elements of art and principles of design to communicate ideas.

AH-07-4.4.1

Students will create art for specific purposes using the elements of art and principles of design to communicate ideas.

AH-08-4.4.1

Students will create art for specific purposes using the elements of art and principles of design to communicate ideas.